## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref #       | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------------|------|---|---|---------------------|---------|---------------------|
| S105        | 61   | (S86 or S89 or S92 or S95 or<br>S98 or S101 or S104)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:26 |
| S104        | 26   | S103 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:19 |
| S103        | 85   | S84 and S102  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:19 |
| S102        | 918  | (signal\$4 and (transmitt\$ or<br>transmission) and S82 and<br>(tv or television or radio) and<br>(audio or sound or noise)<br>and (video or movie)).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:19 |
| S101        | 32   | S100 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:17 |
| S100        | 251  | S84 and S99   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:17 |
| <b>S</b> 99 | 2981 | (signal\$4 and (transmitt\$ or<br>transmission) and S82 and<br>(tv or television or radio) and<br>(audio or sound or noise)).<br>clm.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:17 |
| S98         | 58   | S97 and S81   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/06/29<br>15:16 |

| S97 | 308  | S84 and S96  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:16  |
|-----|------|--|---|----|----|----------------------|
| S96 | 2123 | ((transmitt\$ or transmission)<br>and S82 and (tv or<br>television) and (audio or<br>sound or noise or video or<br>movie)).clm.                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:16  |
| S95 | 5    | S94 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:15  |
| S94 | 30   | S84 and S93  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:15  |
| S93 | 522  | ((broadcast\$ or cablecast\$) and signal\$4 and (transmitt\$ or transmission) and S82 and (tv or television) and (audio or sound or noise or video or movie)).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:15  |
| S92 | 12   | S91 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:14  |
| S91 | 70   | S84 and S90  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:14  |
| S90 | 384  | (signal\$4 and (transmitt\$ or transmission) and S82 and (tv or television) and (audio or sound or noise or video or movie) and (switch or router or hub)).clm.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:14  |
| S89 | 5    | S88 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>115:14 |

| S88 | 26      | S84 and S87  | US-PGPUB;<br>USPAT; USOCR;  | OR | ON | 2010/06/29<br>15:14 |
|-----|---------|--|---|----|----|---------------------|
|     |         |  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB                               |    |    | 10.14               |
| S87 | 441     | ((broadcast\$ or cablecast\$)<br>and signal\$4 and (transmitt\$<br>or transmission) and S82 and<br>(tv or television) and (video<br>or movie)).clm.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:14 |
| S86 | 59      | S85 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:13 |
| S85 | 458     | S84 and S83  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:13 |
| S84 | 4178153 | @ad<="19811103"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:13 |
| S83 | 3990    | (signal\$4 and (transmitt\$ or<br>transmission) and S82 and<br>(tv or television or radio) and<br>(audio or sound or noise or<br>video or movie)).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:13 |
| S82 | 6278043 | ((re adj order\$) or (re adj<br>arrang\$5) or (re adj organiz<br>\$) or combin\$5 or merg\$)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:13 |
| S81 | 716     | (S79 or S80)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/29<br>15:12 |

| S80 | 703 | (US-6607916-\$ or US-                                  | USPAT | OR                                      | ON                                      | 2010/06/29 |
|-----|-----|--|-------|---|---|------------|
| _   |     | 6357699-\$ or US-5099348-\$                            |       |   |   | 15:12      |
|     |     | or US-5013830-\$ or US-                                |       |   |   |            |
|     |     | 4963994-\$ or US-4942616-\$                            |       |   |   |            |
|     |     | or US-4937821-\$ or US-                                |       |   |   |            |
|     |     | 4930160-\$ or US-RE33189-\$                            |       |   |   |            |
|     |     | or US-4908859-\$ or US-                                |       |   |   |            |
|     |     | 4908713-\$ or US-4887296-\$                            |       |   |   |            |
|     |     | or US-4862268-\$ or US-                                |       |   |   |            |
|     |     | 4860379-\$ or US-4835777-\$                            |       |   |   |            |
|     |     | or US-4831526-\$ or US-                                |       |   |   |            |
|     |     | 4821097-\$ or US-4814756-\$                            |       |   |   |            |
|     |     | or US-4809267-\$ or US-                                |       |   |   |            |
|     |     | 4782387-\$ or US-4780910-\$                            |       |   |   |            |
|     |     | or US-4777354-\$ or US-                                |       |   |   |            |
|     |     | 4774583-\$ or US-4772887-\$                            |       |   |   |            |
|     |     | or US-4752834-\$ or US-                                |       |   |   |            |
|     |     | 4751578-\$).did. or (US-                               |       |   |   |            |
|     |     | 4748619-\$ or US-4744080-\$                            |       |   |   |            |
|     |     | or US-4742543-\$ or US-                                |       |   | *************************************** |            |
|     |     | 4742516-\$ or US-4736420-\$                            |       |   |   |            |
|     |     | or US-4716588-\$ or US-                                |       |   |   |            |
|     |     | 4713837-\$ or US-4710955-\$                            |       |   |   |            |
|     |     | or US-4710919-\$ or US-                                |       |   |   |            |
|     |     | 4706282-\$ or US-4706121-\$                            |       |   |   |            |
|     |     | or US-4704725-\$ or US-                                |       |   |   |            |
|     |     | 4695880-\$ or US-4695879-\$                            |       |   |   |            |
|     |     | or US-4694490-\$ or US-                                |       |   |   |            |
|     |     | 4689661-\$ or US-4677685-\$                            |       |   |   |            |
|     |     | or US-4675737-\$ or US-                                |       |   |   |            |
|     |     | 4658292-\$ or US-4658290-\$                            |       |   |   |            |
|     |     | or US-4649533-\$ or US-                                |       |   |   |            |
|     |     | 4647974-\$ or US-4646145-\$                            |       |   |   |            |
|     |     | or US-4642688-\$ or US-                                |       |   |   |            |
|     |     | 4639779-\$ or US-4638357-\$                            |       |   |   |            |
|     |     | or US-4636858-\$).did. or (US-                         |       |   |   |            |
|     |     | 4636854-\$ or US-4633297-\$                            |       |   |   |            |
|     |     | or US-4626892-\$ or US-                                |       |   |   |            |
|     |     | 4623920-\$ or US-4621285-\$                            |       |   |   |            |
|     |     | or US-4621259-\$ or US-<br>4613901-\$ or US-4611242-\$ |       |   |   |            |
|     |     | or US-4611227-\$ or US-                                |       |   |   |            |
|     |     | 4605964-\$ or US-4600942-\$                            |       |   |   |            |
|     |     | or US-4600921-\$ or US-                                |       |   |   |            |
|     |     | 4600918-\$ or US-4598288-\$                            |       |   |   |            |
|     |     | or US-4595952-\$ or US-                                |       |   |   |            |
|     |     | 4594609-\$ or US-4593353-\$                            |       |   |   |            |
|     |     | or US-4592546-\$ or US-                                |       |   |   |            |
|     |     | 4580779-\$ or US-4578718-\$                            |       |   |   |            |
|     |     | or US-4578536-\$ or US-                                |       |   |   |            |
|     |     | 4570930-\$ or US-4566030-\$                            |       |   |   |            |
|     |     | or US-4563702-\$ or US-                                |       |   |   |            |
|     |     | 4558464-\$ or US-4558180-\$                            |       |   |   |            |
|     |     | or US-4554584-\$).did. or (US-                         |       | · ·                                     |   |            |
|     |     | 4547804-\$ or US-4543616-\$                            |       | *************************************** |   |            |
|     |     | or US-4540849-\$ or US-                                |       |   | *************************************** |            |
|     |     | 4538176-\$ or US-4536791-\$                            |       |   |   |            |
|     |     | or US-4534024-\$ or US-                                |       |   |   |            |
|     |     | 4533943-\$ or US-4531021-\$                            |       |   | 1                                       |            |
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| or US-4531020-\$ or US-        |   |   |
|--------------------------------|---|---|
| 4528589-\$ or US-4528588-\$    |   |   |
| or US-4518989-\$ or US-        |   |   |
| 4514761-\$ or US-4513174-\$    |   |   |
| or US-4510623-\$ or US-        |   |   |
| 1.6                            |   |   |
| 4506387-\$ or US-4504831-\$    |   |   |
| or US-4500987-\$ or US-        |   |   |
| 4496975-\$ or US-4494142-\$    |   |   |
| or US-4492820-\$ or US-        |   |   |
| 4491983-\$ or US-4489316-\$    |   |   |
| or US-4489220-\$ or US-        |   |   |
| 4488179-\$ or US-4486853-\$    |   |   |
| or US-4484328-\$).did. or (US- |   |   |
| 4484218-\$ or US-4476535-\$    |   |   |
| or US-4475123-\$ or US-        |   |   |
| 4473824-\$ or US-4473068-\$    |   |   |
| or US-4472801-\$ or US-        |   |   |
| 4471352-\$ or US-4471164-\$    |   |   |
| or US-4471163-\$ or US-        |   |   |
| 4468701-\$ or US-4467356-\$    |   |   |
| or US-4467139-\$ or US-        |   |   |
| · ·                            |   |   |
| 4464679-\$ or US-4461002-\$    |   |   |
| or US-4460922-\$ or US-        |   |   |
| 4455570-\$ or US-4454538-\$    |   |   |
| or US-4451701-\$ or US-        |   |   |
| 4450531-\$ or US-4450481-\$    |   |   |
| or US-4449247-\$ or US-        |   |   |
| 4449246-\$ or US-4449145-\$    |   |   |
| or US-4449114-\$ or US-        |   |   |
| 4446519-\$ or US-4443660-\$    |   |   |
| or US-4439785-\$).did. or (US- |   |   |
| 4439784-\$ or US-4439761-\$    |   |   |
| or US-4434464-\$ or US-        |   |   |
| 4434438-\$ or US-4434436-\$    |   |   |
| or US-4434323-\$ or US-        |   |   |
| 4433379-\$ or US-4433207-\$    |   |   |
| or US-4430731-\$ or US-        |   |   |
| 4430669-\$ or US-4429385-\$    |   |   |
| or US-4427968-\$ or US-        |   |   |
| 4425664-\$ or US-4425581-\$    |   |   |
| or US-4425579-\$ or US-        |   |   |
| 4425578-\$ or US-4424533-\$    |   |   |
|                                |   |   |
| or US-4424532-\$ or US-        |   |   |
| 4422486-\$ or US-4422105-\$    |   |   |
| or US-4422093-\$ or US-        |   |   |
| 4420833-\$ or US-4420769-\$    |   |   |
| or US-4420656-\$ or US-        |   |   |
| 4419699-\$ or US-4418425-\$    |   |   |
| or US-4415771-\$).did. or (US- |   |   |
| 4414621-\$ or US-4413339-\$    |   |   |
| or US-4413281-\$ or US-        |   |   |
| 4411017-\$ or US-4410917-\$    |   |   |
| or US-4408345-\$ or US-        |   |   |
| 4405942-\$ or US-4404589-\$    |   |   |
| or US-4400717-\$ or US-        |   |   |
| 4400587-\$ or US-4398216-\$    |   |   |
| or US-4396947-\$ or US-        |   |   |
| 4396946-\$ or US-4396915-\$    |   |   |
| or US-4395757-\$ or US-        |   |   |
| 4394762-\$ or US-4394691-\$    |   |   |
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| or US-4394687-\$ or US-                             |
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| 4393404-\$ or US-4393376-\$                         |
| or US-4393277-\$ or US-                             |
| 4392135-\$ or US-4390904-\$                         |
| or US-4390901-\$ or US-                             |
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| 4390898-\$ or US-4389671-\$                         |
| or US-4388664-\$).did. or (US-                      |
| 4388645-\$ or US-4388644-\$                         |
| or US-4388643-\$ or US-                             |
| 4388639-\$ or US-4386436-\$                         |
| or US-4385384-\$ or US-                             |
| 4385324-\$ or US-4383257-\$                         |
| or US-4382256-\$ or US-                             |
| 4381562-\$ or US-4381522-\$                         |
| or US-4379205-\$ or US-                             |
| 4378470-\$ or US-4377870-\$                         |
| or US-4375651-\$ or US-                             |
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| 4375650-\$ or US-4375579-\$                         |
| or US-4374437-\$ or US-                             |
| 4374395-\$ or US-4369464-\$                         |
| or US-4369462-\$ or US-                             |
| 4368486-\$ or US-4368483-\$ or US-4367557-\$ or US- |
| or US-4367557-\$ or US-                             |
| 4367548-\$ or US-4367488-\$                         |
| or US-4365267-\$).did. or (US-                      |
| 4365110-\$ or US-4364081-\$                         |
| or US-4361903-\$ or US-                             |
| 4361877-\$ or US-4361851-\$                         |
| or US-4361848-\$ or US-                             |
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| 4361730-\$ or US-4360881-\$                         |
| or US-4360828-\$ or US-                             |
| 4360827-\$ or US-4359223-\$                         |
| or US-4358790-\$ or US-                             |
| 4358672-\$ or US-4357548-\$                         |
| or US-4355415-\$ or US-                             |
| 4355372-\$ or US-4354201-\$                         |
| or US-4353088-\$ or US-                             |
| 4352011-\$ or US-4351028-\$                         |
| or US-4348696-\$ or US-                             |
| 4347618-\$ or US-4347532-\$                         |
| or US-4347498-\$ or US-                             |
| 4344090-\$ or US-4343042-\$                         |
| or US-4341925-\$).did. or (US-                      |
| 01 U3-4341925-Φ).did. 01 (U3-                       |
| 4340906-\$ or US-4340903-\$                         |
| or US-4339798-\$ or US-                             |
| 4338628-\$ or US-4337485-\$                         |
| or US-4337483-\$ or US-                             |
| 4337480-\$ or US-4336559-\$                         |
| or US-4336553-\$ or US-                             |
| 4335426-\$ or US-4335402-\$                         |
| or US-4334242-\$ or US-                             |
| 4333152-\$ or US-4333109-\$                         |
| or US-4333107-\$ or US-                             |
| 4332980-\$ or US-4331974-\$                         |
| or US-4331973-\$ or US-                             |
| 4330794-\$ or US-4329711-\$                         |
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| or US-4329684-\$ or US-                             |
| 4329675-\$ or US-4325078-\$                         |
| or US-4323922-\$ or US-                             |
| 4323921-\$ or US-4322745-\$                         |
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| or US-4320256-\$).did. or (US- |
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| 4319079-\$ or US-4318128-\$    |
|                                |
| or US-4318127-\$ or US-        |
| 4318126-\$ or US-4318125-\$    |
| or US-4318047-\$ or US-        |
| 4317215-\$ or US-4316245-\$    |
| or US-4316217-\$ or US-        |
| 4316055-\$ or US-4315282-\$    |
| or US-4314367-\$ or US-        |
| 4313132-\$ or US-4312016-\$    |
| or US-4310854-\$ or US-        |
| 4308558-\$ or US-4307446-\$    |
| ·                              |
| or US-4306305-\$ or US-        |
| 4306289-\$ or US-4306250-\$    |
| or US-4305131-\$ or US-        |
| 4305101-\$ or US-4304990-\$    |
| or US-4303941-\$ or US-        |
| 4303940-\$ or US-4302775-\$    |
| or US-4302771-\$).did. or (US- |
| 4301542-\$ or US-4295223-\$    |
| or US-4295155-\$ or US-        |
| 4292650-\$ or US-4290142-\$    |
|                                |
| or US-4290141-\$ or US-        |
| 4290062-\$ or US-4288809-\$    |
| or US-4287592-\$ or US-        |
| 4286281-\$ or US-4284976-\$    |
| or US-4283602-\$ or US-        |
| 4278993-\$ or US-4278973-\$    |
| or US-4275411-\$ or US-        |
| 4273962-\$ or US-4272784-\$    |
| or US-4271506-\$ or US-        |
| 4270145-\$ or US-4266243-\$    |
|                                |
| or US-4264925-\$ or US-        |
| 4264924-\$ or US-4262329-\$    |
| or US-4261006-\$ or US-        |
| 4258423-\$ or US-4258386-\$    |
| or US-4253157-\$).did. or (US- |
| 4253114-\$ or US-4251691-\$    |
| or US-4250524-\$ or US-        |
| 4250521-\$ or US-4250489-\$    |
| or US-4249211-\$ or US-        |
| 4247947-\$ or US-4247106-\$    |
| or US-4246611-\$ or US-        |
| 01 US-4240011-5 01 US-         |
| 4245252-\$ or US-4245246-\$    |
| or US-4245245-\$ or US-        |
| 4243984-\$ or US-4238854-\$    |
| or US-4238853-\$ or US-        |
| 4237486-\$ or US-4237484-\$    |
| or US-4236217-\$ or US-        |
| 4233628-\$ or US-4232193-\$    |
| or US-4231031-\$ or US-        |
| 4230990-\$ or US-4228543-\$    |
|                                |
| or US-4225967-\$ or US-        |
| 4225884-\$ or US-4224678-\$    |
| or US-4222073-\$).did. or (US- |
| 4222068-\$ or US-4218710-\$    |
| or US-4218698-\$ or US-        |
| 4218697-\$ or US-4217609-\$    |
| or US-4216497-\$ or US-        |
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| 4215370-\$ or US-4215369-\$    |   |  |
|--------------------------------|---|--|
| or US-4215366-\$ or US-        |   |  |
| 4214273-\$ or US-4213124-\$    |   |  |
| or US-4207524-\$ or US-        |   |  |
| 4205343-\$ or US-4203166-\$    |   |  |
| or US-4203130-\$ or US-        |   |  |
|                                |   |  |
| 4201887-\$ or US-4200913-\$    |   |  |
| or US-4200770-\$ or US-        |   |  |
| 4199809-\$ or US-4199781-\$    |   |  |
| or US-4199656-\$ or US-        |   |  |
| 4196448-\$ or US-4196310-\$    |   |  |
| or US-4195288-\$ or US-        |   |  |
| 4189748-\$ or US-4186413-\$    |   |  |
| or US-4180709-\$).did. or (US- |   |  |
| 4178613-\$ or US-4175267-\$    |   |  |
| or US-4172213-\$ or US-        |   |  |
| 4171513-\$ or US-4170782-\$    |   |  |
| or US-4168396-\$ or US-        |   |  |
| 4163255-\$ or US-4163254-\$    |   |  |
| or US-4163252-\$ or US-        |   |  |
| 4162513-\$ or US-4161751-\$    |   |  |
| or US-4161728-\$ or US-        |   |  |
| 4160120-\$ or US-4156931-\$    |   |  |
| or US-4156253-\$ or US-        |   |  |
| 4148070-\$ or US-4148066-\$    |   |  |
| or US-4145717-\$ or US-        |   |  |
| 4144495-\$ or US-4142156-\$    |   |  |
| or US-4141034-\$ or US-        |   |  |
| 4139860-\$ or US-4138726-\$    |   |  |
| or US-4135213-\$ or US-        |   |  |
| 4134127-\$ or US-4131881-\$    |   |  |
| or US-4130833-\$).did. or (US- |   |  |
| 4126762-\$ or US-4124887-\$    |   |  |
| or US-4120030-\$ or US-        |   |  |
| 4120003-\$ or US-4118669-\$    |   |  |
| or US-4117605-\$ or US-        |   |  |
| 4115807-\$ or US-4115662-\$    |   |  |
| or US-4114841-\$ or US-        |   |  |
| 4112646-\$ or US-4112464-\$    |   |  |
| or US-4112383-\$ or US-        |   |  |
| 4112317-\$ or US-4107735-\$    |   |  |
| or US-4107734-\$ or US-        |   |  |
| 4104681-\$ or US-4104486-\$    |   |  |
| or US-4099258-\$ or US-        |   |  |
| 4096542-\$ or US-4096524-\$    |   |  |
| or US-4095258-\$ or US-        |   |  |
| 4091417-\$ or US-4088958-\$    |   |  |
| or US-4086434-\$ or US-        |   |  |
| 4081832-\$ or US-4081831-\$    |   |  |
| or US-4081754-\$).did. or (US- |   |  |
| 4081753-\$ or US-4081612-\$    |   |  |
| or US-4079419-\$ or US-        |   |  |
| ,                              |   |  |
| or US-4074315-\$ or US-        |   |  |
| 4070693-\$ or US-4068265-\$    |   |  |
| or US-4068264-\$ or US-        |   |  |
| 4064490-\$ or US-4061577-\$    |   |  |
| or US-4060832-\$ or US-        |   |  |
| 4058830-\$ or US-4057829-\$    |   |  |
| or US-4056684-\$ or US-        |   |  |
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| 4055848-\$ or US-4054911-\$    |  |       |
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| 1.                             |  |       |
| or US-4052737-\$ or US-        |  |       |
| 4052719-\$ or US-4049906-\$    |  |       |
| or US-4048619-\$ or US-        |  |       |
| 4048562-\$ or US-4047221-\$    |  |       |
|                                |  |       |
| or US-4045814-\$ or US-        |  |       |
| 4045811-\$ or US-4044376-\$    |  |       |
| or US-4042958-\$).did. or (US- |  |       |
| 4034990-\$ or US-4032972-\$    |  |       |
| or US-4031548-\$ or US-        |  |       |
|                                |  |       |
| 4031543-\$ or US-4027331-\$    |  |       |
| or US-4027267-\$ or US-        |  |       |
| 4027100-\$ or US-4026555-\$    |  |       |
|                                |  |       |
| or US-4025948-\$ or US-        |  |       |
| 4025947-\$ or US-4025851-\$    |  |       |
| or US-4024575-\$ or US-        |  |       |
| 4024574-\$ or US-4020419-\$    |  |       |
| or US-4019201-\$ or US-        |  |       |
|                                |  |       |
| 4018990-\$ or US-4017697-\$    |  |       |
| or US-4016361-\$ or US-        |  |       |
| 4015286-\$ or US-4013875-\$    |  |       |
| or US-4011414-\$ or US-        |  |       |
|                                |  |       |
| 4008369-\$ or US-4006297-\$    |  |       |
| or US-4004085-\$ or US-        |  |       |
| 3997718-\$ or US-3996586-\$    |  |       |
| or US-3996583-\$).did. or (US- |  |       |
|                                |  |       |
| 3993955-\$ or US-3990050-\$    |  |       |
| or US-3990012-\$ or US-        |  |       |
| 3988550-\$ or US-3988528-\$    |  |       |
| or US-3987398-\$ or US-        |  |       |
| 1.                             |  |       |
| 3987397-\$ or US-3984637-\$    |  |       |
| or US-3982065-\$ or US-        |  |       |
| 3982064-\$ or US-3978449-\$    |  |       |
| or US-3975585-\$ or US-        |  |       |
|                                |  |       |
| 3975583-\$ or US-3974451-\$    |  |       |
| or US-3973206-\$ or US-        |  |       |
| 3971888-\$ or US-3970790-\$    |  |       |
| or US-3962535-\$ or US-        |  |       |
| 3961137-\$ or US-3958088-\$    |  |       |
|                                |  |       |
| or US-3958081-\$ or US-        |  |       |
| 3956615-\$ or US-3950618-\$    |  |       |
| or US-3950607-\$ or US-        |  |       |
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|                                |  |       |
| or US-3947882-\$).did. or (US- |  |       |
| 3947624-\$ or US-3944931-\$    |  |       |
| or US-3943447-\$ or US-        |  |       |
| 3936868-\$ or US-3936595-\$    |  |       |
| or US-3936594-\$ or US-        |  |       |
|                                |  |       |
| 3936593-\$ or US-3934079-\$    |  |       |
| or US-3927250-\$ or US-        |  |       |
| 3924187-\$ or US-3924059-\$    |  |       |
| or US-3922492-\$ or US-        |  |       |
|                                |  |       |
| 3922482-\$ or US-3921151-\$    |  |       |
| or US-3919462-\$ or US-        |  |       |
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| 3911216-\$ or US-3909512-\$    |  |       |
| or US-3906450-\$ or US-        |  |       |
| 3899639-\$ or US-3899633-\$    |  |       |
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| 3896266-\$ or US-3896262-\$    |
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| or US-3894177-\$).did. or (US- |
| 3894176-\$ or US-3893031-\$    |
| or US-3891792-\$ or US-        |
| 3890461-\$ or US-3889054-\$    |
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| or US-3886454-\$ or US-        |
| 3886302-\$ or US-3885089-\$    |
| or US-3882392-\$ or US-        |
| 3882289-\$ or US-3875329-\$    |
| or US-3859596-\$ or US-        |
| 3859458-\$ or US-3858240-\$    |
| or US-3849729-\$ or US-        |
| 3848193-\$ or US-3848082-\$    |
| or US-3845391-\$ or US-        |
| 3842206-\$ or US-3842196-\$    |
| or US-3836888-\$ or US-        |
| 3835387-\$ or US-3833757-\$    |
| or US-3826863-\$ or US-        |
| 3825893-\$ or US-3824467-\$    |
| or US-3824332-\$).did. or (US- |
| 3822757-\$ or US-3819852-\$    |
| or US-3813482-\$ or US-        |
| 3806814-\$ or US-3803491-\$    |
| or US-3798610-\$ or US-        |
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| or US-3777053-\$ or US-        |
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| 3761888-\$ or US-3757225-\$    |
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| 3754211-\$ or US-3752908-\$    |
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| 3746799-\$ or US-3746780-\$    |
| or US-3744043-\$).did. or (US- |
| 3743767-\$ or US-3737858-\$    |
| or US-3736369-\$ or US-        |
| 3733431-\$ or US-3733430-\$    |
| or US-3731197-\$ or US-        |
| 3729581-\$ or US-3728480-\$    |
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| 3712956-\$ or US-3703684-\$    |
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| 3693090-\$ or US-3684823-\$    |
| or US-3683111-\$ or US-        |
| 3676580-\$ or US-3668307-\$    |
| or US-3666888-\$ or US-        |
| 3659046-\$ or US-3657699-\$    |
| or US-3651471-\$ or US-        |
| 3651261-\$ or US-3649749-\$    |
| or US-3648270-\$).did. or (US- |
| 3639686-\$ or US-3627914-\$    |
| or US-3624516-\$ or US-        |
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| or US-3602891-\$ or US-        |  |     |  |
| 3601528-\$ or US-3588357-\$    |  |     |  |
| or US-3586771-\$ or US-        |  |     |  |
| 3586767-\$ or US-3584142-\$    |  |     |  |
| or US-3576391-\$ or US-        |  |     |  |
| 3573747-\$ or US-3569937-\$    |  |     |  |
| or US-3564509-\$ or US-        |  |     |  |
| 3560936-\$ or US-3546684-\$    |  |     |  |
| or US-3536833-\$ or US-        |  |     |  |
| 3531856-\$ or US-3531586-\$    |  |     |  |
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| 3526843-\$ or US-3500327-\$    |  |     |  |
| or US-3493674-\$ or US-        |  |     |  |
| 3485946-\$ or US-3478342-\$    |  |     |  |
| or US-3478166-\$).did. or (US- |  |     |  |
| 3478164-\$ or US-3475547-\$    |  |     |  |
| or US-3472962-\$ or US-        |  |     |  |
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| 3390234-\$ or US-3387268-\$    |  |     |  |
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| 3387082-\$ or US-3371071-\$    |  |     |  |
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| or US-3336437-\$ or US-        |  |     |  |
| 3304416-\$ or US-3251051-\$    |  |     |  |
| or US-3245157-\$ or US-        |  |     |  |
| 3244806-\$ or US-3238297-\$    |  |     |  |
| or US-3221098-\$ or US-        |  |     |  |
| 3213201-\$ or US-3133986-\$    |  |     |  |
| or US-3107274-\$ or US-        |  |     |  |
| 3071649-\$ or US-3071642-\$    |  |     |  |
| or US-3016091-\$).did. or (US- |  |     |  |
| 3008000-\$ or US-2972008-\$    |  |     |  |
| or US-2969427-\$ or US-        |  |     |  |
| 2892882-\$ or US-2875270-\$    |  |     |  |
| or US-2866962-\$ or US-        |  |     |  |
| 2864885-\$ or US-2864865-\$    |  |     |  |
| or US-2788387-\$ or US-        |  |     |  |
| 2769023-\$ or US-2757226-\$    |  |     |  |
| or US-2731197-\$ or US-        |  |     |  |
| 2723307-\$ or US-2619530-\$    |  |     |  |
| or US-2573349-\$ or US-        |  |     |  |
| 2563448-\$ or US-2511085-\$    |  |     |  |
| or US-2510046-\$ or US-        |  |     |  |
| 2418127-\$ or US-2117638-\$    |  |     |  |
| or US-1927702-\$ or US-        |  |     |  |
| 0033189-\$ or US-0032326-\$    |  |     |  |
| or US-0032187-\$ or US-        |  |     |  |
| 0031977-\$ or US-0031735-\$    |  |     |  |
| or US-0031182-\$).did. or (US- |  |     |  |
| 0027810-\$ or US-0026331-\$).  |  |     |  |
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| S79 | 69 | (US-4887296-\$ or US-4821097-\$ or US-4739510-\$ or US-4675737-\$ or US-4636854-\$ or US-4634808-\$ or US-4625235-\$ or US-4613901-\$ or US-4599647-\$ or US-4598288-\$ or US-4592546-\$ or US-4531021-\$ or US-4528589-\$ or US-44331021-\$ or US-4528589-\$ or US-44334027-\$ or US-44398216-\$ or US-4405942-\$ or US-4390901-\$ or US-4360828-\$ or US-4339798-\$ or US-4337483-\$ or US-4337483-\$ or US-4337483-\$ or US-4329684-\$ or US-432922-\$ or US-4306250-\$ or US-4306250-\$ or US-4305101-\$ or US-4317215-\$ or US-4306250-\$ or US-4305101-\$ or US-4295223-\$ or US-4292650-\$ or US-4290662-\$ or US-4295233-\$ or US-4218710-\$ or US-4218698-\$ or US-4218698-\$ or US-4218698-\$ or US-4218698-\$ or US-4053431-\$ or US-4015811-\$ or US-4015814-\$ or US-4015891-\$ or US-3982064-\$ or US-39820800-\$ or US-3733430-\$ or US-3848082-\$ or US-3733430-\$ or US-3754226-\$ or US-3708000-\$ or US-2754226-\$ or US-2723307-\$).did. | USPAT   | OR | × . | 2010/06/29<br>15:12 |
|-----|----|---|---|----|-----|---------------------|
| S70 | 85 | S63 and S62   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/28<br>17:03 |

| <b>S</b> 69 | 251     | S63 and S61   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:03 |
|-------------|---------|---|---|----|----|---------------------|
| S68         | 308     | S63 and S60   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:02 |
| S67         | 30      | S63 and S59   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:02 |
| S66         | 70      | S63 and S58   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:02 |
| S65         | 26      | S63 and S57   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:02 |
| S64         | 458     | S63 and S56   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:02 |
| S63         | 4178152 | @ad<="19811103"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:01 |
| S62         | 917     | (signal\$4 and (transmitt\$ or<br>transmission) and S55 and<br>(tv or television or radio) and<br>(audio or sound or noise)<br>and (video or movie)).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>17:00 |
| S61         | 2978    | (signal\$4 and (transmitt\$ or<br>transmission) and S55 and<br>(tv or television or radio) and<br>(audio or sound or noise)).<br>clm.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:52 |

| S60 | 2120    | ((transmitt\$ or transmission)<br>and \$55 and (tv or<br>television) and (audio or<br>sound or noise or video or<br>movie)).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:52 |
|-----|---------|--|---|----|----|---------------------|
| S59 | 522     | ((broadcast\$ or cablecast\$) and signal\$4 and (transmitt\$ or transmission) and S55 and (tv or television) and (audio or sound or noise or video or movie)).clm.                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:51 |
| S58 | 384     | (signal\$4 and (transmitt\$ or<br>transmission) and S55 and<br>(tv or television) and (audio<br>or sound or noise or video or<br>movie) and (switch or router<br>or hub)).clm.       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:51 |
| S57 | 441     | ((broadcast\$ or cablecast\$)<br>and signal\$4 and (transmitt\$<br>or transmission) and S55 and<br>(tv or television) and (video<br>or movie)).clm.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:51 |
| S56 | 3987    | (signal\$4 and (transmitt\$ or<br>transmission) and S55 and<br>(tv or television or radio) and<br>(audio or sound or noise or<br>video or movie)).clm.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:50 |
| S55 | 6274941 | ((re adj order\$) or (re adj<br>arrang\$5) or (re adj organiz<br>\$) or combin\$5 or merg\$)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/28<br>16:45 |
| S52 | 16      | S51 and (((re adj order\$) or<br>(re adj arrang\$5) or (re adj<br>organiz\$) or combin\$5 or<br>merg\$) and (tv or televsion<br>or radio) and (audio or sound<br>or video or movie)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/24<br>16:48 |
| S51 | 280     | (HARVEY-JOHN\$.in. or<br>CUDDIHY-JAMES\$.in.)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/24<br>16:41 |

## **EAST Search History (Interference)**

| 1p | erator Plurals Time Stam | DBs | Search Query | Hits | Ref # |
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|    |                          |     |              |      |       |
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| L8  | 434     | (signal\$4 and (transmitt\$ or transmission) and 1 and (tv or television or radio) and (audio or sound or noise) and (video or movie)).clm.   | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:44 |
|-----|---------|---|-------------------|----|----|------------------|
| L7  | 1392    | (signal\$4 and (transmitt\$<br>or transmission) and 1<br>and (tv or television or<br>radio) and (audio or<br>sound or noise)).clm.  | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:44 |
| L6  | 891     | ((transmitt\$ or<br>transmission) and 1 and<br>(tv or television) and<br>(audio or sound or noise<br>or video or movie)).clm.   | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:43 |
| L5  | 254     | ((broadcast\$ or cablecast<br>\$) and signal\$4 and<br>(transmitt\$ or<br>transmission) and 1 and<br>(tv or television) and<br>(audio or sound or noise<br>or video or movie)).clm. | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:43 |
| L4  | 134     | (signal\$4 and (transmitt\$ or transmission) and 1 and (tv or television) and (audio or sound or noise or video or movie) and (switch or router or hub)).                           | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:43 |
| L3  | 212     | ((broadcast\$ or cablecast<br>\$) and signal\$4 and<br>(transmitt\$ or<br>transmission) and 1 and<br>(tv or television) and<br>(video or movie)).clm.                               | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:43 |
| L2  | 1736    | (signal\$4 and (transmitt\$ or transmission) and 1 and (tv or television or radio) and (audio or sound or noise or video or movie)).clm.  | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:43 |
| L1  | 1649754 | ((re adj order\$) or (re adj<br>arrang\$5) or (re adj<br>organiz\$) or combin\$5 or<br>merg\$)  | US-PGPUB;<br>UPAD | OR | ON | 2010/06/30 16:42 |
| S54 | 9       | S53 and (((re adj order\$) or (re adj arrang\$5) or (re adj organiz\$) or combin\$5 or merg\$) and (tv or televsion or radio) and (audio or sound or video or movie))               | US-PGPUB;<br>UPAD | OR | ON | 2010/06/24 16:49 |
| S53 | 55      | (HARVEY-JOHN\$.in. or<br>CUDDI HY-JAMES\$.in.)  | US-PGPUB;<br>UPAD | OR | ON | 2010/06/24 16:41 |

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